



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of RAMSEY

Confirmation No: 9529

Application No. 10/629,970

Attorney Docket No. 1875-P02580US0

Group Art Unit: 1753


Filed: July 30, 2003

For: NANOSTRUCTURED MATERIAL
TRANSPORT DEVICES AND THEIR
FABRICATION BY APPLICATION OF
MOLECULAR COATINGS TO
NANOSCALE CHANNELS

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this Correspondence is being deposited on the date identified below with the United States Postal Service as first-class mail in an envelope properly addressed to Commissioner for Patents, Alexandria, VA 22313-1450

December 30, 2004
Date of Certificate


Joan Rodgers

Commissioner for Patents
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97**

In compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicants are submitting herewith a Form PTO-1449. Because the filing date of this application is after June 30, 2003, only copies of the citations that are not U.S. Patents or U.S. Published Patent Applications are provided.


This Information Disclosure Statement is being filed more than three months after the filing date of the application. However, Applicants have not yet received an action on the merits of the application. Accordingly, Applicants believe that no fee is required pursuant to 37 C.F.R. § 1.97 (b) (3). In the event a fee is required, the Commissioner is authorized to charge the required fees to deposit account no. 04-1406. A duplicate copy of this sheet is included for fee processing, if necessary.

Applicants respectfully request full and proper consideration of the listed information during examination of the application, and that the listed information be printed on any patent that issues therefrom.

Appl. No. 10/629,970
Docket No: 1875-P02580US0

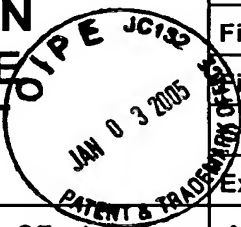
Respectfully submitted,

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Enclosures - Form PTO-1449 (w/encl)

INFORMATION DISCLOSURE STATEMENT



Complete if known

Application Number: 10/629,970

Filing Date: July 30, 2003

First Named Inventor: RAMSEY

Group Art Unit: 1753

Examiner Name:

SHEET 1 OF 1

Attorney Docket Number: 1875-P02579US01

UNITED STATES PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE MM-DD-YYYY	FIRST NAMED INVENTOR

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	DOCUMENT NUMBER	COUNTRY OR REGION	DATE OF PUBLICATION MM-DD-YYYY	FIRST NAMED INVENTOR OR APPLICANT

OTHER CITATIONS - NON-PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		Angell et al., "Silicon Micromechanical Devices", Scientific American, 248:44-55 (1983)
		Kricka et al., "Liquid Transport in Micron and Submicron Channels", SPIE, 1167: 159-168 (1989)
		Jirage et al., "Nanotubule-Based Molecular-Filtration Membranes", Science, Vol. 278, p. 655-658 (1997)
		Han et al., "Separation of Long DNA Molecules in a Microfabricated Entropic Trap Array", Science, Vol. 288, p. 1026-1029 (2000)
		Dubas et al., Factors Controlling the Growth of Polyelectrolyte Multilayers", Macromolecules, Vol. 32, No. 24, p. 8153-8160 (1999)
		Graul et al., "Capillaries Modified by Polyelectrolyte Multilayers for Electrophoretic Separations", Analytical Chemistry, Vol. 71, No. 18, p. 4007-4013 (1999)

EXAMINER'S SIGNATURE	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.